

MAXON Positioning Solutions

Solution	Accuracy	Deployment	Delay	Wiring	Maintenance	Terminal standby duration	Application
Wi-Fi	LOW 5-10 meters	AP interval 20m	HIGH 8-10s	HIGH	LOW	SHORT	WiFi based scenario AP supports
Bluetooth 5.0 positioning base station	MEDIUM 1-3 meters	gateway interval 8-10m	LOW 2-3s	HIGH	LOW	LONG	Indoor Reasonable floor height Convenient wired
Bluetooth beacon + applet/application	MEDIUM 1-3 meters	ibeacon interval 6-8m	LOW 2-3s	NO WIRE	HIGH deploy density high lost easily battery change frequently	DEPENDS mobile/pad terminal	Mobile navigation APP
Bluetooth beacon + positioning terminal + Bluetooth 5.0 gateway	MEDIUM 1-3 meters	ibeacon interval 6-8m	LOW 2-3s	MEDIUM	HIGH deploy density high lost easily battery change frequently	MEDIUM	Complex indoor/outdoor
Bluetooth beacon + positioning terminal + Lora gateway	MEDIUM 1-3 meters	ibeacon interval 6-8m	MEDIUM-LOW 3-5s	LOW	HIGH deploy density high lost easily battery change frequently	MEDIUM	Complex indoor/outdoor
Bluetooth beacon + positioning terminal + NB lot	MEDIUM 1-3 meters	ibeacon interval 6-8m	MEDIUM-LOW 3-5s	NO WIRE	HIGH deploy density high lost easily battery change frequently continuous data charge	MEDIUM	Complex indoor/outdoor
Bluetooth+AoA	HIGH < 1m level	covers radius 30m (no block) max. coverage R=100m	NO-PERCEIVED 1s	HIGH	LOW	MEDIUM	Simple indoor structure
UWB	HIGH < 1m level	4 base stations cover 30x30m (no block)	NO-PERCEIVED 1s	MEDIUM	LOW	MEDIUM	Simple indoor structure
UWB+AoA	HIGH < 1m level	covers radius 30m (no block) max. coverage R=100m	NO-PERCEIVED 0.5-1s	LOW Only main station wired	LOW	MEDIUM	Simple indoor structure